

## **ABSTRACT OF THE DISCLOSURE**

A photoelectric switch device for detecting an object within a field of detection on the basis of a position of the object is presented. The position is determined on the basis of a value relating to light that is reflected by the object. The photoelectric switch device has a light projecting and receiving optical arrangement disposed on a front wall of a box shaped casing, a display unit and a push type of adjusting switch disposed on a rear wall of the box shaped casing. The photoelectric switch device also has a push type of selecting/fixing/setting switch and an indicator disposed on one of walls of the box shaped casing, except the front and rear walls, and an output cable extending from a corner between the rear wall and another wall opposite to the one wall. The selecting/fixing/setting switch is used to select types of information that is to be displayed on the display unit in order to set and fix the value. The adjusting switch is used to adjust the value of information displayed on the display unit.